Claims

1. Refining element for use in refiners for working lignocellulosic fibrous material in a cone-shaped refining gap (6) between two refining means (1,2) with opposed conical surfaces, where the refining means (1) with the outside located conical surface is stationary, and the refining means (2) with the inside located conical surface is rotary, and the refining element (11) is intended for the stationary refining element (1) and formed with bars (12) and intermediate grooves (13), where the bars extend along the refining gap (6) and are defined by an upper surface (14) and two side surfaces (15,16), **characterized in** that the upper surface (14) of each bar is a portion of the conical working surface of the refining element (11), and said upper surface (14) forms an acute angle (α) with at least one of the side surfaces (15,16) on the bar (12).

2. Refining element as defined in claim 1, **characterized in** that the acute angle (α) is between 50° and 90°, suitably between 60° and 90° and preferably between 70° and 80°.

3. Refining element as defined in claim 1 or 2, **characterized in** that the angled portion of the side surface of the bar is at least one third of the height of the bar.

4. Refining element as defined in claim 1 or 2, **characterized in** that the upper surface of the bar forms an acute angle with both side surfaces of the bar.